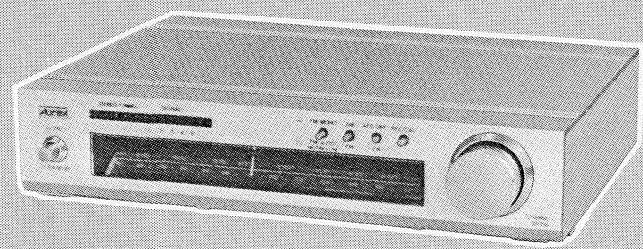
SERVICE DATA
FILE NO. 170-088

TOSHIBA

STEREO TUNER

ST-T10



SPECIFICATIONS

■ FM BAND

Frequency range:	88 ~ 108 MHz	
Sensitivity (IHF):	0.95 μV (75 ohms)	
Harmonic distortion:	MONO	0.15%
(1 kHz, 40 kHz dev.):	STEREO	0.25%
S/N (IHF A Network):	MONO	75 dB
	STEREO	72 dB
Frequency response:	30 Hz ~ 15 kHz	
	(+0.2 ~ −0.8 dB)	
Selectivity (IHF):	65 dB (±300 kHz)	
Image rejection:	50 dB	
IF rejection:	80 dB	
Capture ratio:	1.0 dB	
Spurious response:	60 dB	
AM suppression:	50 dB	
Stereo separation:	45 dB (at 1 kHz)	
Output level	380 mV (400 Hz, 40 kHz dev.)	

■ AM BAND

Frequency range:	525 ~ 1605 kHz
Sensitivity (IHF):	300 μV/m
Selectivity (IHF):	30 dB
IF rejection	40 dB
Image rejection:	40 dB

■ GENERAL

Power supply:	220 V 50 Hz ~ or
	240 V 50 Hz ~
Power consumption:	7 W
Weight:	1.8 kg
Dimensions (WxHxD):	257 x 54 x 238 mm

Specifications are subject to change without notice.

TE.AY

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1. OPERATING CONTROLS

FRONT VIEW

FM MODE BUTTON

This button selects either the stereo mode or the monaural mode. Normally set it to the FM AUTO position. At this position stereo broadcasts will be received in stereo and monaural broadcasts will be received in monaural automatically. When this button is set to FM AUTO, the muting switch is turned on and interstation noise is rejected. At MONO position, both stereo and monaural broadcasts will be received in monaural.

* Since the muting is turned off and interstation noise enters when this button is set to the MONO position, lower the Volume when tuning the set.

AM/FM BUTTON

Depress this button to receive AM broadcasts and leave out for FM reception.

AFC BUTTON

Placing this button in the ON position activates the automatic frequency control circuitry which assures the best reception possible. This button should be left in the OFF position when changing stations.

SIGNAL LEVEL INDICATOR
FM TUNING INDICATOR
FM STEREO INDICATOR
POWER SWITCH

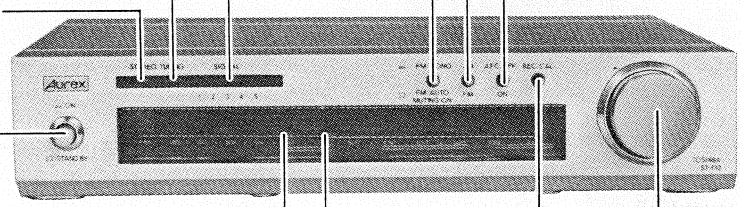


Figure 1.

DIAL SCALE

All major frequencies on both bands are clearly marked for easier tuning.

DIAL POINTER

Set this pointer on the desired radio station with the Tuning knob.

TUNING KNOB

Select the desired radio station (after pressing the desired radio band selector push button) by turning this knob.

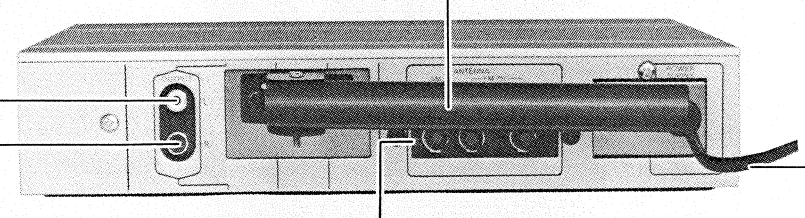
* Extra ease, sharpness and smoothness of radio station selection are made possible by the Tuning indicator and fly-wheel assisted Tuning knob.

RECORDING CALIBRATION BUTTON

This button produces a signal which approximates a 50% modulated FM signal. Use this signal as a reference to set the correct recording level. Be sure to turn this off when actually listening to or recording radio broadcasts.

REAR VIEW

ANTENNA COIL
OUTPUT US2P JACK
POWER CORD
ANTENNA TERMINAL



■ **FM**

The FM antenna terminal of this set is only for 75Ω. For best reception always install an outdoor FM antenna.
An exclusive high directivity, high sensitivity outdoor FM antenna is necessary.
For best results, connect the Antenna to the Tuner with Coaxial cable as short and thick as possible.

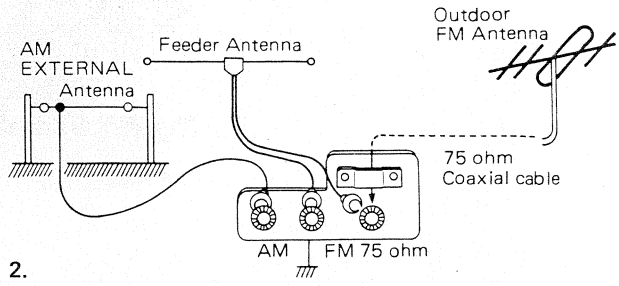


Figure 2.

2. DISASSEMBLY INSTRUCTIONS

FRONT PANEL REMOVAL

1. Remove the 6 Ⓐ Ⓑ screws.
2. Remove the front panel by drawing it toward you.
3. Note that the Indicator PC Board is connected to Main PC Board by the wire when removing the front panel.

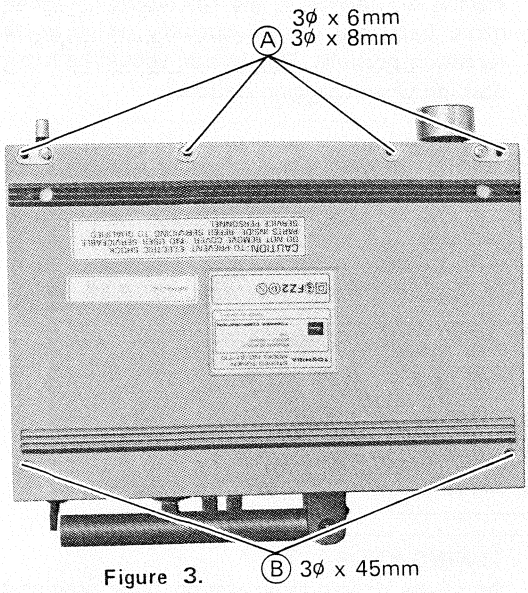
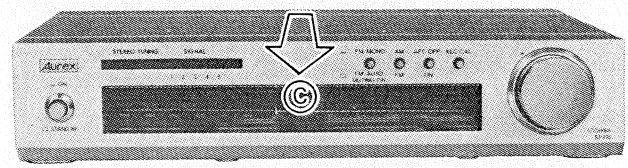


Figure 3.



Draw the front panel in the arrow direction (toward you), and it can be removed.

Figure 4.

INDICATOR PC BOARD REMOVAL

Remove the Indicator PC Board by unfastening the hooks from the both ends of Indicator PC Board.

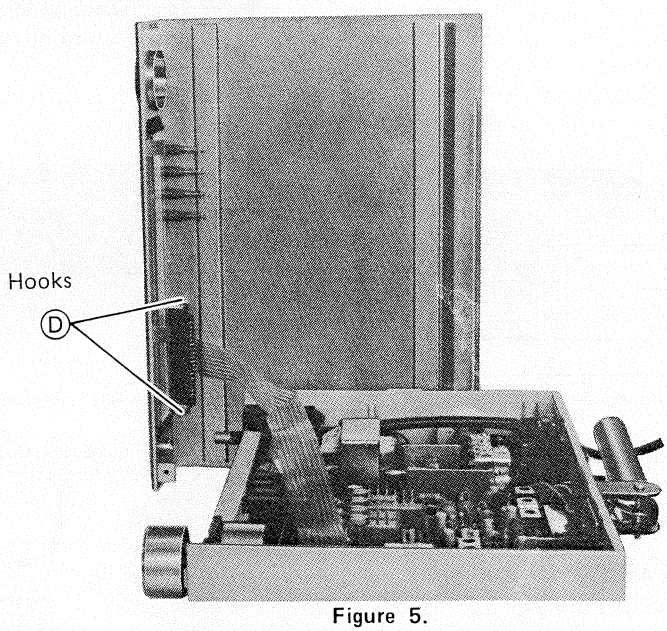


Figure 5.

MAIN P.C. BOARD REMOVAL

1. Remove the front panel.
2. Remove 2 screws (E). (See figure 6.)
3. Remove 3 screws (F), (H) and 2 plastic rivets (G). (See figure 7.)
4. Remove 4 screws (I), (J). (See figure 8.)
5. Pull the Main P.C. Board in the direction of arrow it remove it from the mold chassis.

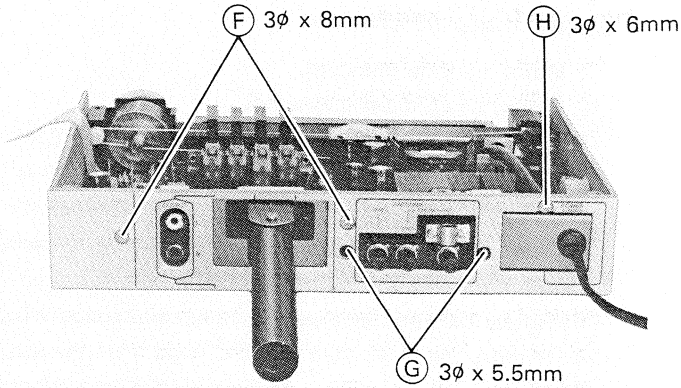


Figure 7.

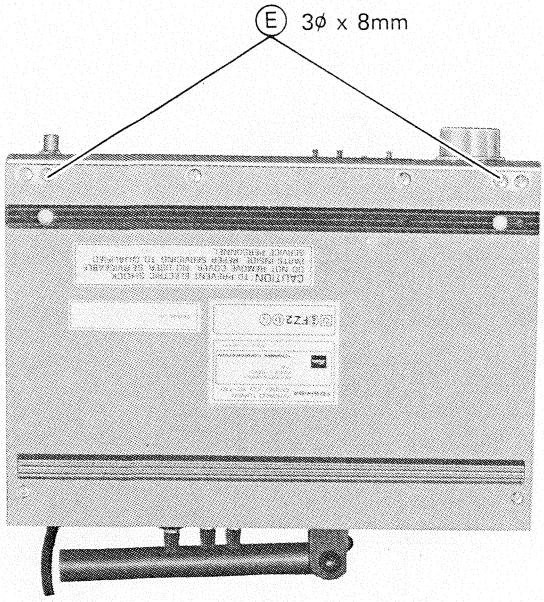


Figure 6.

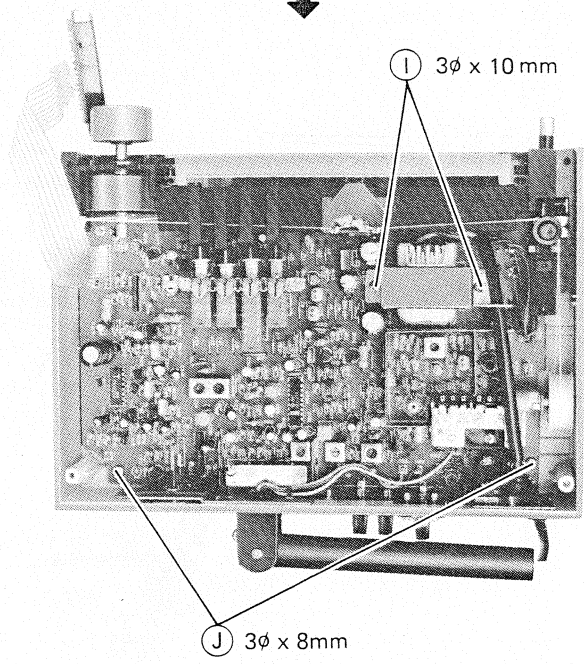


Figure 8.

Power Cord

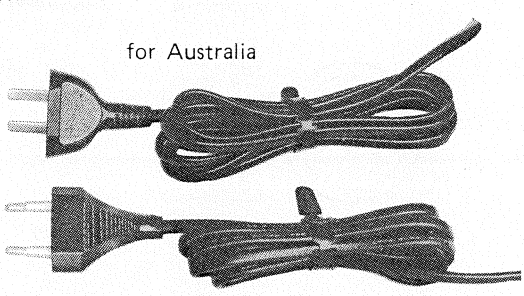


Figure 10.

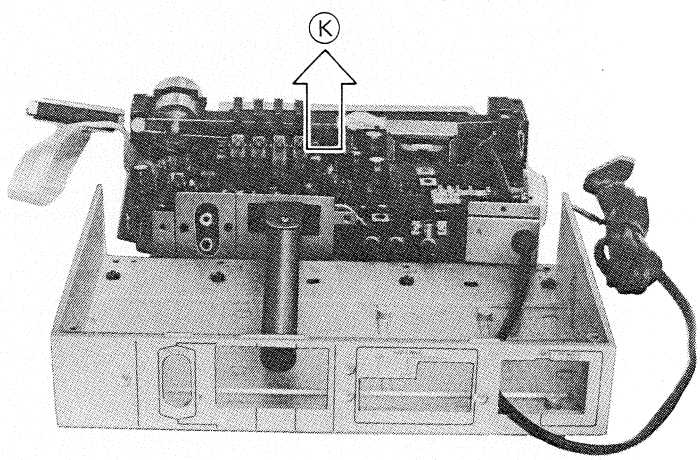


Figure 9.

3. DIAL CORD RESTRINGING

DIAL CORD STRINGING

1. Put a mark on the cord.
2. Hook the cord on the spring.
3. Hook the spring on the dial drum and take out the cord outside the drum.
4. Insert the marked part of the cord into the dent of frame and fix it.
5. Wind the cord from the fixed portion ① to portion ⑥ in order and fix it at ⑥.
6. Mount the drum on the shaft of variable capacitor. (Make certain that the drum is situated just as top view when variable capacitor is rotated fully clockwise.)
7. Rotate the variable capacitor fully counterclockwise.
8. Remove the fixed cord ⑥ and wind it on the drum 2.5 turns.
9. Make certain that the cord is set just as top view of the drum when the variable capacitor is rotated fully clockwise.

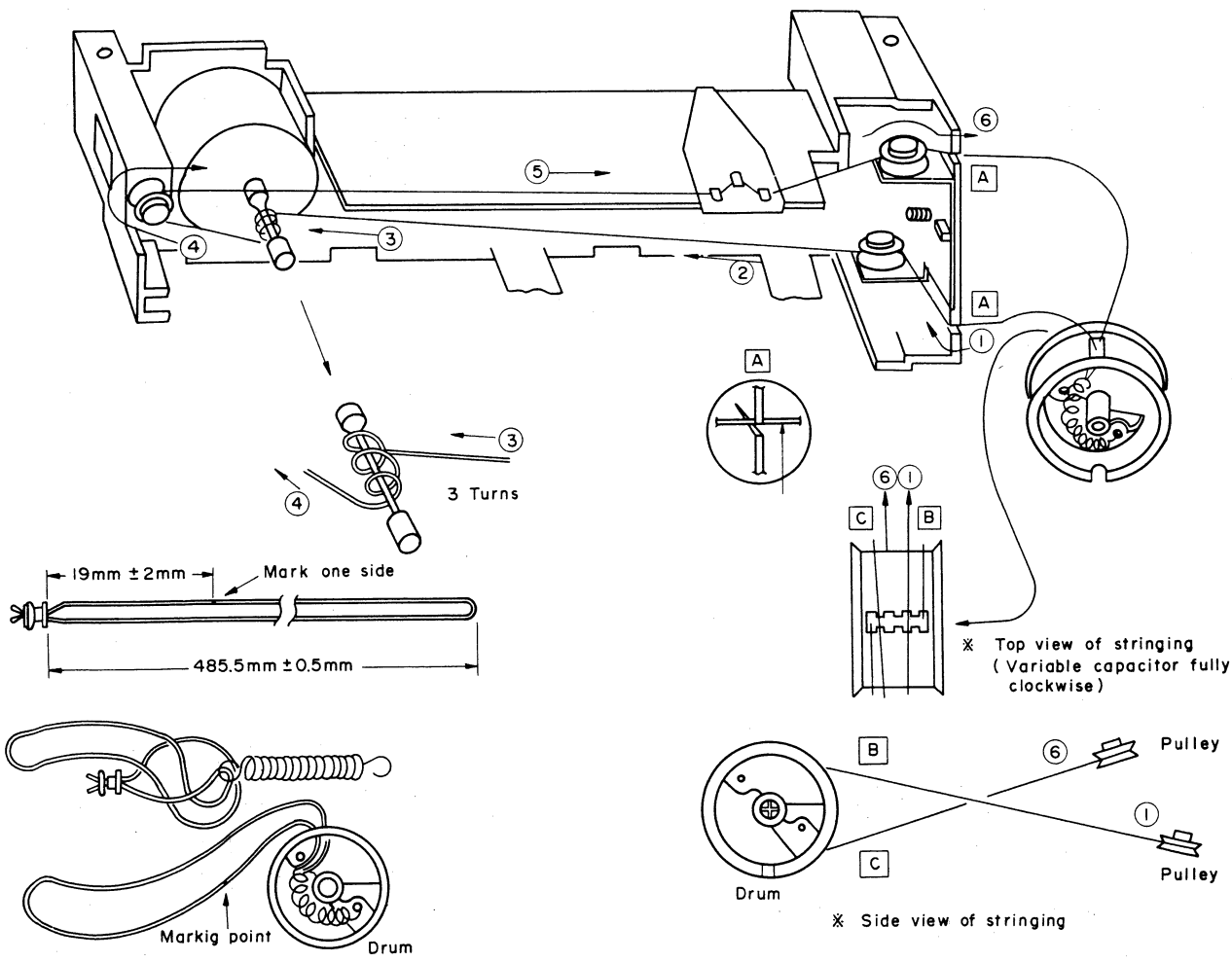


Figure 11.

4. ALIGNMENT INSTRUCTIONS

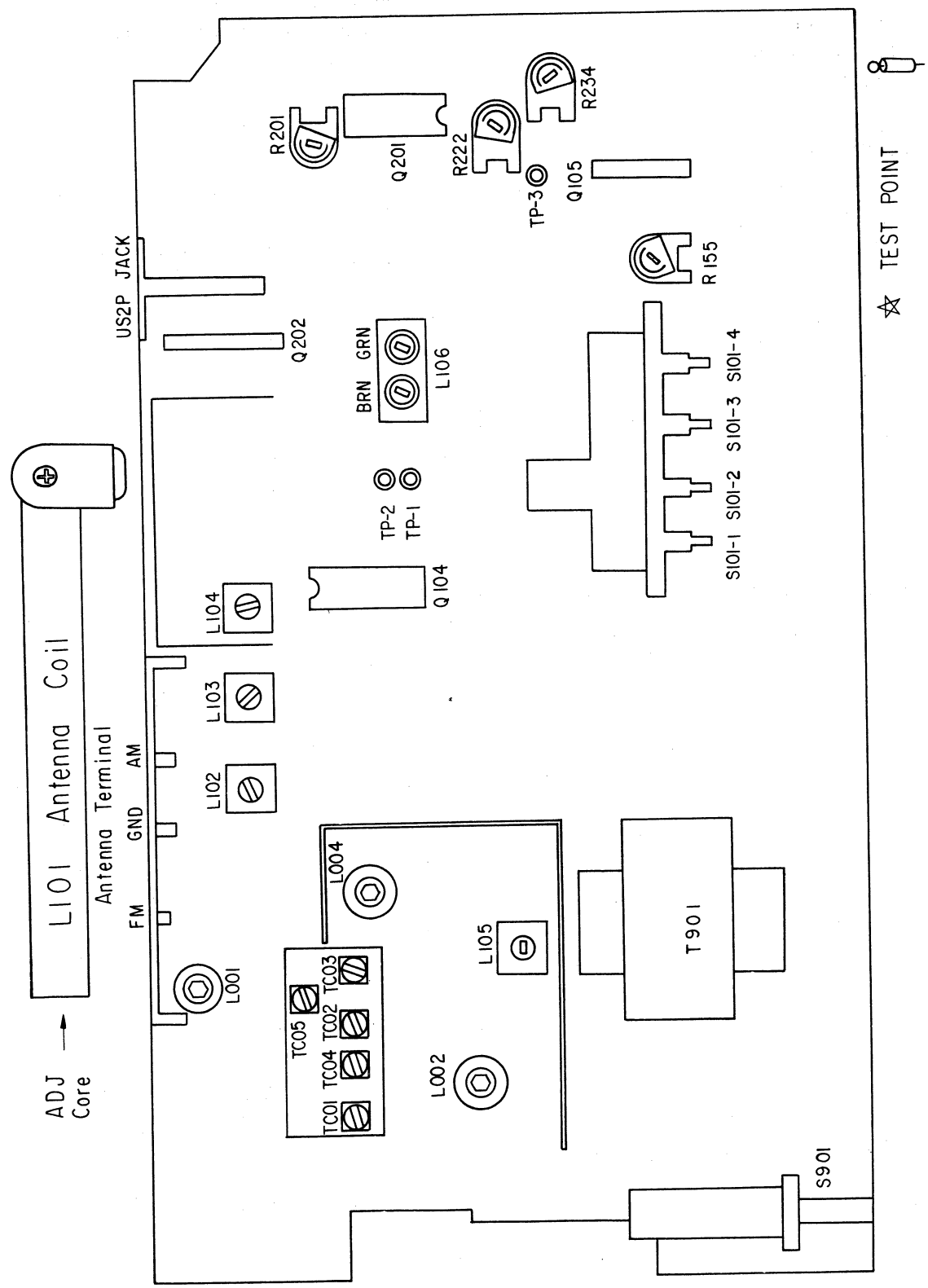


Figure 12.

AM ADJUSTMENT

Test equipments/Tools required

1. Signal generator
2. Sweep generator
3. Test loop antenna
4. VTVM
5. Adjusting screwdriver
6. Adjusting screwdriver (Use to antenna core)
7. Oscilloscope

IF ADJUSTMENT

Step	Adjustment	Remarks
IF Response	L103, L104 Transformer	Adjust for scope pattern with specified marker (460 kHz) as illustrated in Fig.13.

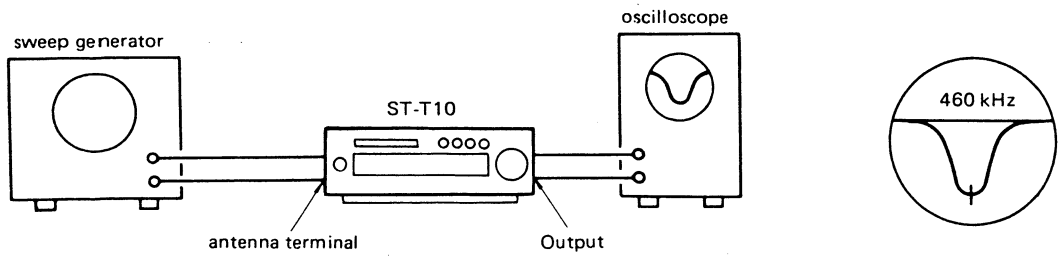


Figure 13.

FREQUENCY COVERAGE AND TRACKING ADJUSTMENT

Step	Adjusting Circuit	Connection		SG Frequency	Position of Tuning Dial	Adjustment	VTVM
		Input	Output				
1	OSC (Frequency Coverage)	Connect signal generator to test loop.	Connect VTVM to output terminal (Variable).	540 kHz (400 Hz 30% MOD)		L102	Maximum
2				1600 kHz (400 Hz 30% MOD)	Set the tuning gang	TC05	
Repeat Steps 1 and 2.							
3	ANT (Tracking)	Connect signal generator to test loop.	Connect VTVM to output terminal (Variable)	600 kHz (400 Hz 30% MOD)	Tune to 600 kHz signal	L101	Maximum
4				1400 kHz (400 Hz 30% MOD)	Tune to 1400 kHz signal	TC04	Maximum
Repeat Steps 3 and 4.							

Note: When adjusting the AM tuner section, inductively connect the minimum input signal to the set.

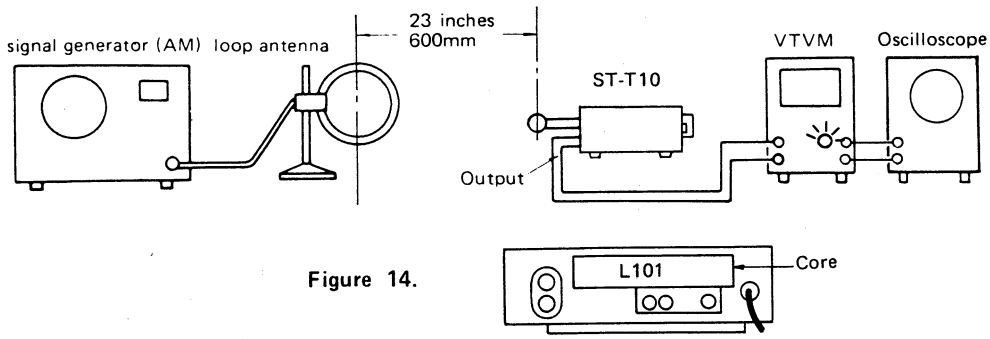


Figure 14.

FM ADJUSTMENT

Test equipments/Tools required
1. Distortion meter
2. Signal generator
3. Oscilloscope
4. VTVM
5. FM dummy antenna (75 ohms)
6. Dummy load resistor
7. Network
8. Adjusting screwdriver
9. Adjusting bar
10. Tuning Meter

Step	Adjusting Circuit	Connection		SG Frequency	Position of Tuning Dial	Adjustment	
		Input	Output				
1	IF Distortion Adjustment (MONO)				No signal	L106 (Brown Color)	Adjust tuning meter pointer so as to keep center.
2	IF Distortion Adjustment (MONO)	Connect FM signal generator to FM antenna terminal. Connect the modulator to signal generator.	Connect VTVM, oscilloscope and distortion meter to output terminal.	SG 98 MHz	Tune to 98 MHz signal.	L106 (Green Color)	Distortion Minimum

Step	Adjusting Circuit	Connection		SG Frequency	Position of Tuning Dial	Adjustment	
		Input	Output				
1	OSC (Frequency coverage)	Connect FM signal generator to FM antenna terminal.	Connect VTVM to output terminal.	88 MHz	Tune to 88 MHz signal	L004	Maximum
2				108 MHz	Tune to 108 MHz signal	TC03	
Repeat steps 1 and 2.							
3	RF (Tracking)	Connect FM signal generator FM antenna terminal.	Connect VTVM to output terminal.	88 MHz	Tune to 88 MHz signal	L001, L002	Maximum
4				108 MHz	Tune to 88 MHz signal	TC01, TC02	
Repeat steps 3 and 4.							

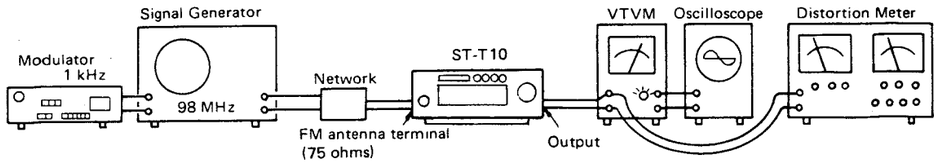


Figure 15.

CAUTION: When realigning the FM Receiving Frequency, the lowest side of the frequency range must not be below 87.5 MHz in order to comply with FTZ requlations in West Germany.

- FREE-RUNNING FREQUENCY ADJUSTMENT

Connect a Signal Generator (with Frequency Counter) to the TP-3 (with 100K ohm load) and adjust the Semifixed Resistor R234 for 76.00 kHz reading counter with no-signal input. (MODE Switch --- AUTO Position)

- PILOT CANCEL ADJUSTMENT

Step	Signal Generator Frequency	Switch Position	Display Frequency	Connection		Adjustment	Remarks
				Input	Output		
1	98 MHz (60 dB)	Function FM Push Mode FM Auto Stereo Lighting After Check Mode FM Mono	98 MHz	Connect Signal Generator to 75 ohm Antenna Terminal. Connect Stereo Modulator to Signal Generator. Set modulator signal to Pilot (19 kHz) only.	Connect VTVM to OUTPUT Terminal. Connect Oscilloscope to VTVM.	R201	Adjust for Pilot Signal Minimum.
2							

- SEPARATION ADJUSTMENT

Step	Signal Generator Frequency	Switch Position	Display Frequency	Connection		Adjustment	Remarks
				Input	Output		
1	98 MHz (60 dB)	Function FM Push Mode FM Auto	98 MHz	Connect Signal Generator to 75 ohm Antenna Terminal. Connect Stereo Modulator to Signal Generator	Connect VTVM to OUTPUT Terminal. Connect Oscilloscope to VTVM.	R222	Stereo Modulator Switch L Position. Adjust so the OUTPUT of Rch is Minimum as compared with Lch.
2							
3							
4	Set Modulator Switch to R position and make certain the L and R.						

SIGNAL LEVEL INDICATOR ADJUSTMENT

Apply +60 dB input and adjust 100K ohm resistor R155 so that every five LED diodes (D109 ~ D113, TLG205) light thoroughly

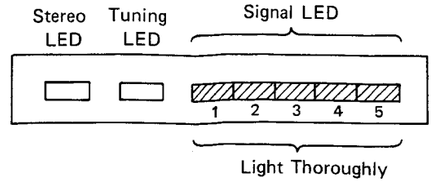


Figure 16.

5. ELECTRICAL PARTS LOCATIONS

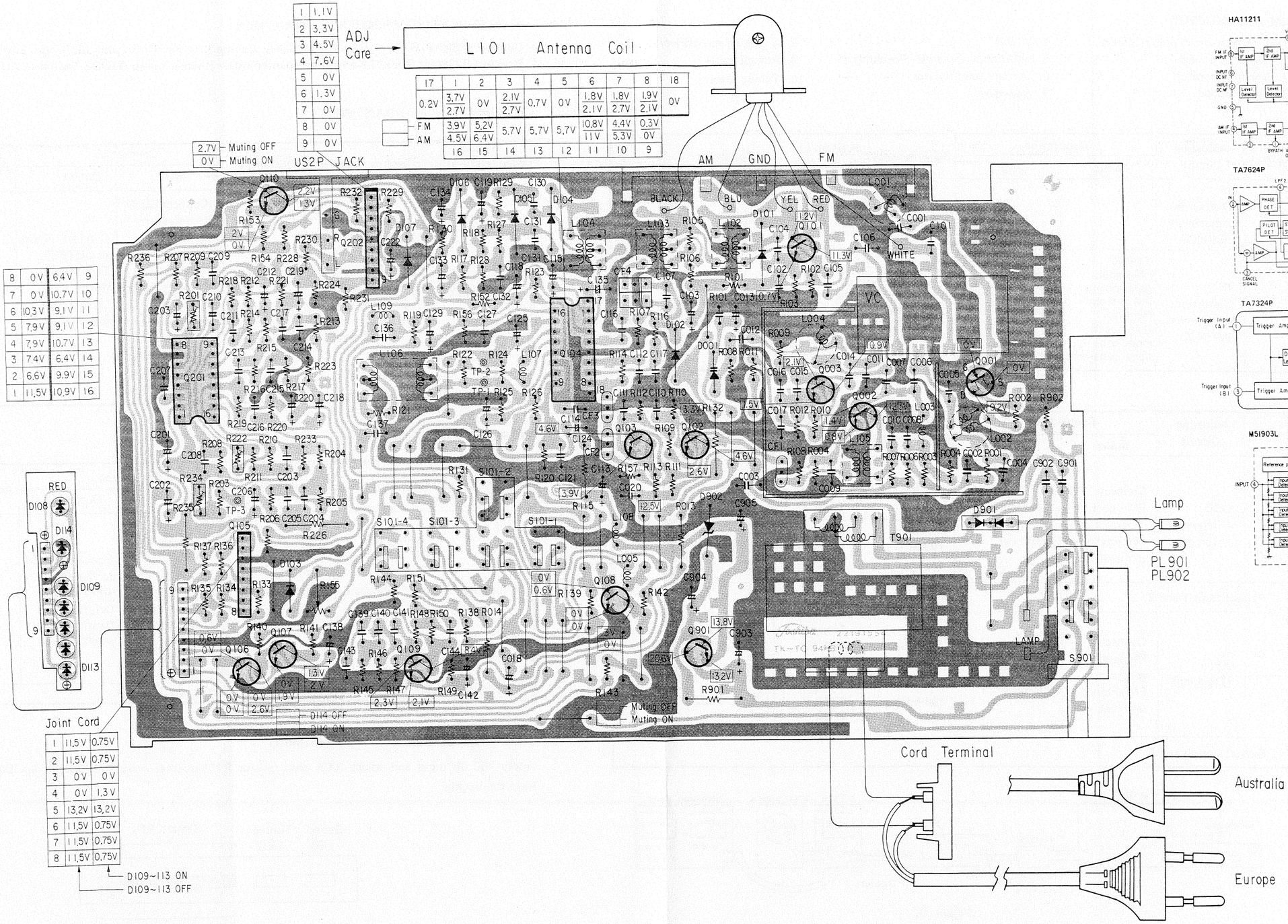


Figure 17.

6. SCHEMATIC DIAGRAM

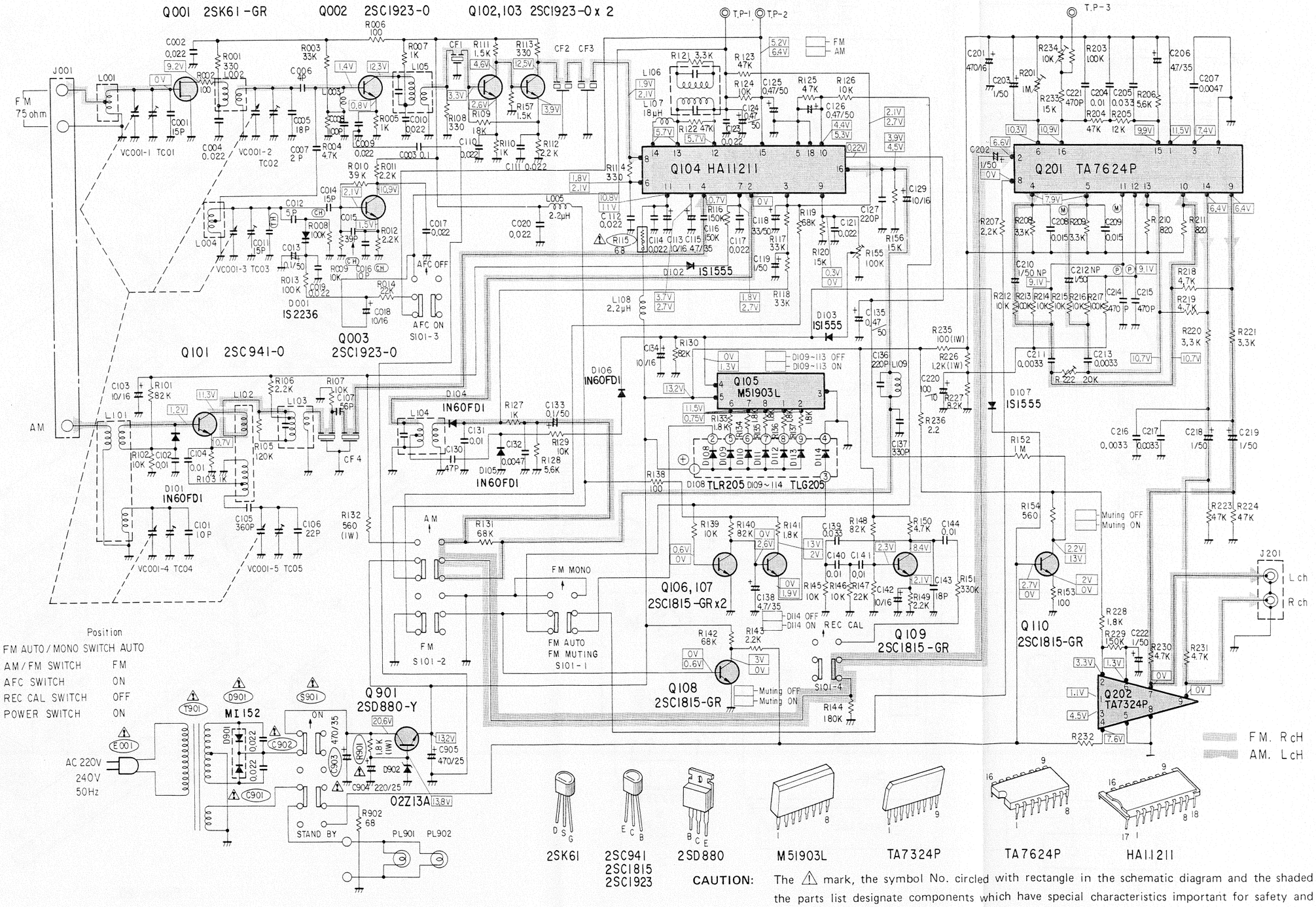


Figure 18.

CAUTION: The ⚠ mark, the symbol No. circled with rectangle in the schematic diagram and the shaded area in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

7. BLOCK DIAGRAM

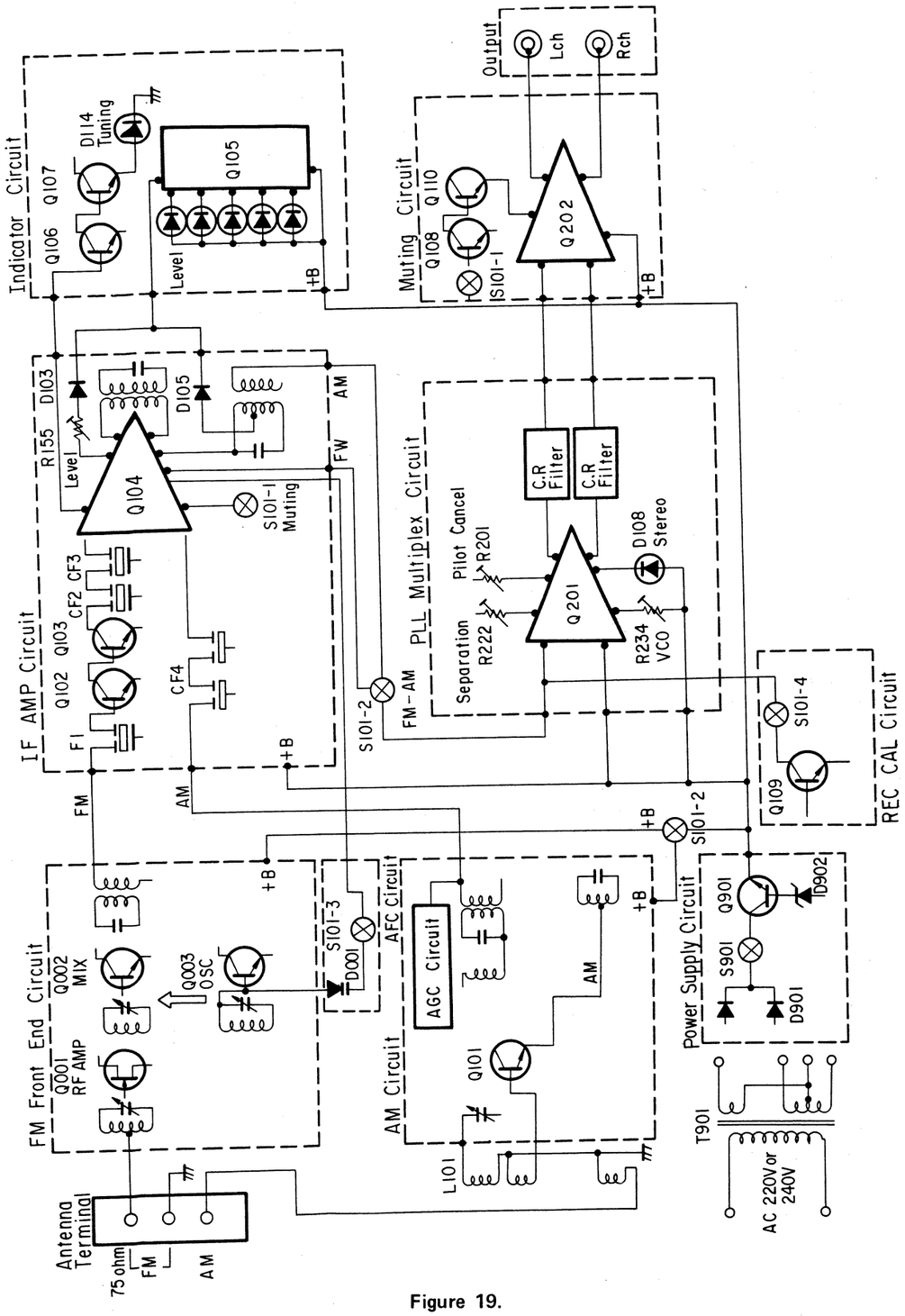


Figure 19.

8. CABINET EXPLODED VIEW

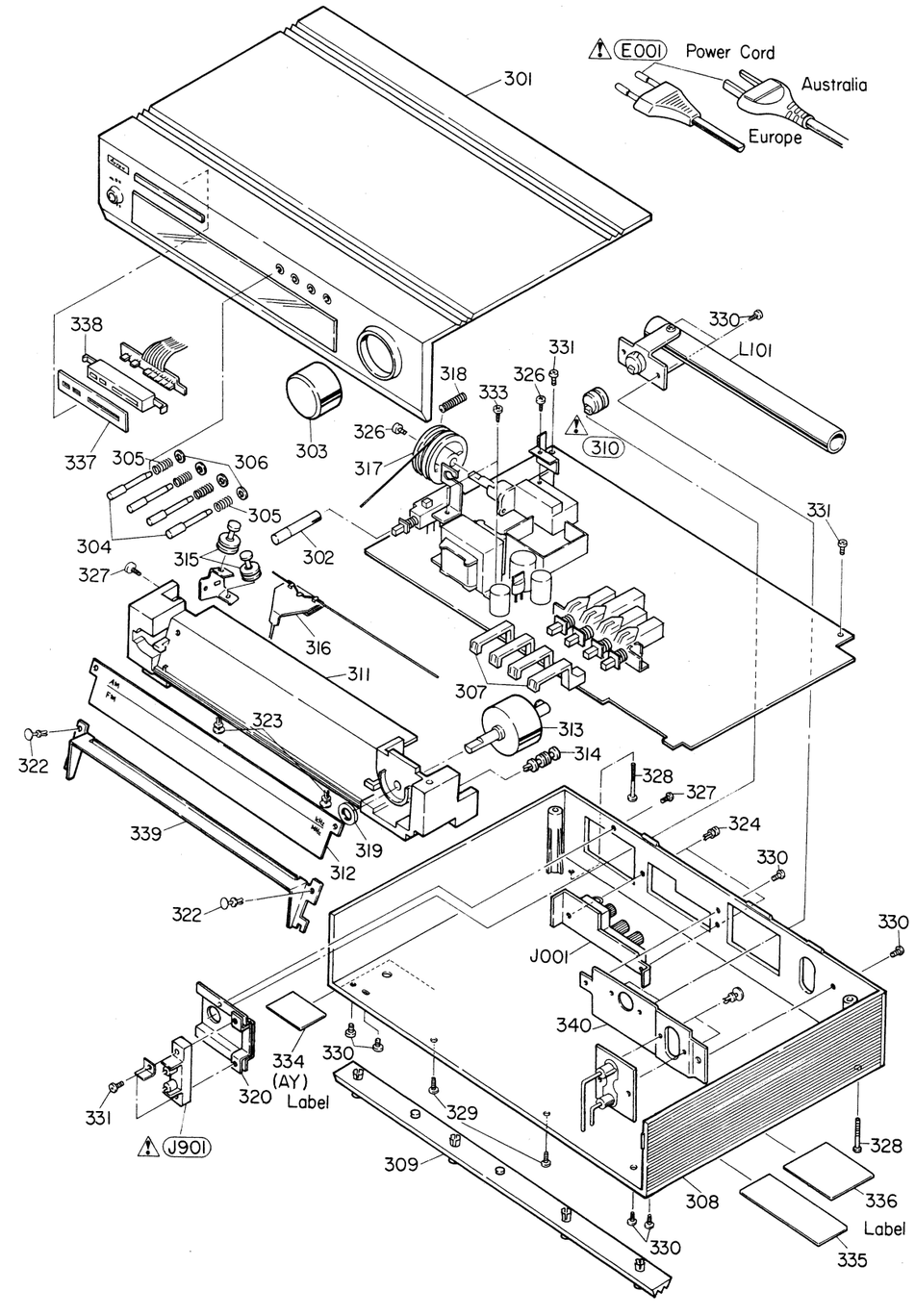


Figure 20.

NOTE: Parts excluded in the Parts List are not available as replacement parts.

9. PARTS LIST

CAUTION: The ⚠ mark, the symbol No. circled with rectangle in the schematic diagram and the shaded area in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

Symbol No.	Part No.	Description
		CABINET PARTS
301	22821487	Panel Ass'y
302	22824266	Knob, Power
303	22826245	Knob, Tuning
304	25837228	Knob, Band Select
305	25772471	Spring, Knob
306	25764536	Washer, 2ϕ, Knob
308	22831575	Mold Chassis
309	22874045	Foot
⚠ 310	25845528	Bush, Power Cord
312	22836373	Dial Plate
313	22749241	Tuning Shaft Ass'y
314	22742218	Pulley Ass'y, Small
315	22742217	Pulley Ass'y
316	22741289	Pointer
317	22742229	Drum
318	20866009	Spring, Drum
319	22702105	Nut, 8ϕ, Tuning Shaft
322	22705022	Rivet, Plastic, 3ϕ x 5.5mm
323	22705026	Rivet, Plastic, 3ϕ x 6.5mm
324	22705030	Rivet, Plastic, 3ϕ x 8mm
326	22707473	Screw, 2.6ϕ x 6mm, BID
327	22701457	Screw, 3ϕ x 6mm, BID
328	22707328	Screw, 3ϕ x 45mm, BID
329	22707490	Screw, 3ϕ x 6mm, Tapping
330	22707327	Screw, 3ϕ x 8mm, Tapping
331	22707115	Screw, 3ϕ x 8mm, Tapping
333	22707116	Screw, 3ϕ x 10mm, Tapping
334	22864255	Caution Label (AY)
335	22864306	Caution Label
336	22864300	Name Label (TE)
	22864304	Name Label (AY)
		TRANSISTORS, IC'S AND DIODES
Q001		Transistor, 2SK61-GR
Q002, 003, 102, 103		Transistor, 2SC1923-O
Q101		Transistor, 2SC941-O
Q104	22114626	IC, HA11211
Q105	22114634	IC, M51903L
Q106, 107, 108, 109, 110		Transistor, 2SC1815-GR
Q201		IC, TA7624P
Q202		IC, TA7324P
Q901		Transistor, 2SD880-Y
D001		Diode, 1S2236
D101, 104, 105, 106		Diode, 1N60FD1
D102, 103, 107		Diode, 1S1555V
D108		Diode, TLR205 (RED)
D109, 110, 111, 112, 113, 114		Diode, TLG205 (GRN)
⚠ D901	22115427	Diode, MI-152
D902		Diode, 02Z13A
		COILS AND TRANSFORMER
L001	22292120	Coil, RT51120
L002	22294377	Coil, RT61S4377
L003, 005, 108	22291082	Coil, 2.2μH, LH3003
L004	22295062	Coil, RT81S5062
L101	22242743	Coil, Antenna, FA22D743
L102	22245318	Coil, RT712S5318
L103	22264757	Transformer, IF, IT15S4757
L104	22266326	Transformer, IF, IT15S6326
L105	22265727	Transformer, IF, IT16S5727
L106	22267349	Transformer, IF, IT1057349
L107	22241050	Coil, 18μH, LH07S1050
L109	22232219	Coil, 8.5μH, 882K
⚠ T901	22223657	Transformer, Power (TE)
	22223651	Transformer, Power (AY)
		ELECTRICAL PARTS
S101	22195313	Switch, Push, FM Auto-Mono AM-FM AFC ON-OFF REC CAL
⚠ S901	22195404	Switch, Push, Power
J001	22162442	Terminal, Antenna
J201	22163766	Jack, US2P
⚠ J901	22161618	Terminal, Hookup
CF1, 2, 3	22153113	Filter, Ceramic FM CF1, 2 and CF3 Neet to use the same rank.
CF4	22153082	Filter, Ceramic AM
PL901, 902	22113439	Lamp, 8V, 50mA, Dial Plate
⚠ E001	22176286	Power Cord, E2ES (TE)
	22176588	Power Cord, A2SA-7A (AY)
		CAPACITORS
		D = ±0.5pF, J = ±5%, K = ±10%, M = ±20%, Z = $^{+80\%}_{-20\%}$
		NP = Non Polarity
C001	22361150	Ceramic, 15pF, 50V, J
C002	22342223	Ceramic, 0.022mfd, 50V, Z
C003	22340002	Ceramic, 0.1mfd, 12.5V, Z
C004	22342223	Ceramic, 0.022mfd, 50V, Z
C005	22361220	Ceramic, 22pF, 50V, J

Symbol No.	Part No.	Description
C006	22361409	Ceramic, 4pF, 50V, D
C007	22361209	Ceramic, 2pF, 50V, D
C008	22362101	Ceramic, 100pF, 50V, K
C009	22342223	Ceramic, 0.022mfd, 50V, Z
C010	22342223	Ceramic, 0.022mfd, 50V, Z
C011	22360159	Ceramic, 18pF, 50V, J, TH
C012	22362509	Ceramic, 5pF, 50V, D
C013	22440183	Electrolytic, 0.1mfd, 50V, M
C014	22360132	Ceramic, 15pF, 50V, J, CH
C015	22360137	Ceramic, 39pF, 50V, J, CH
C016	22360310	Ceramic, 10pF, 50V, J, CH
C017	22342223	Ceramic, 0.022mfd, 50V, Z
C018	22445100	Electrolytic, 10mfd, 16V
C019	22342223	Ceramic, 0.022mfd, 50V, Z
C020	22342223	Ceramic, 0.022mfd, 50V, Z
C101	22361120	Ceramic, 12pF, 50V, J
C102	22342103	Ceramic, 0.01mfd, 50V, Z
C103	22445100	Electrolytic, 10mfd, 16V
C104	22371103	Mylar, 0.01mfd, 50V, J
C105	22321050	Polypropylene, 360pF, 50V, J
C106	22361220	Ceramic, 22pF, 50V, J
C107	22362560	Ceramic, 56pF, 50V, K
C110	22342223	Ceramic, 0.022mfd, 50V, Z
C111	22342223	Ceramic, 0.022mfd, 50V, Z
C112	22342223	Ceramic, 0.022mfd, 50V, Z
C113	22445100	Electrolytic, 10mfd, 16V
C114	22342223	Ceramic, 0.022mfd, 50V, Z
C115	22447479	Electrolytic, 4.7mfd, 35V
C116	22342103	Ceramic, 0.01mfd, 50V, Z
C117	22342223	Ceramic, 0.022mfd, 50V, Z
C118	22448339	Electrolytic, 3.3mfd, 50V
C119	22448109	Electrolytic, 1mfd, 50V
C121	22342223	Ceramic, 0.022mfd, 50V, Z
C122	22342223	Ceramic, 0.022mfd, 50V, Z
C123	22340002	Ceramic, 0.1mfd, 12.5V, Z
C124	22448478	Electrolytic, 0.47mfd, 50V
C125	22448478	Electrolytic, 0.47mfd, 50V
C126	22448478	Electrolytic, 0.47mfd, 50V
C127	22362221	Ceramic, 220pF, 50V, K
C129	22445100	Electrolytic, 10mfd, 16V
C130	22362470	Ceramic, 47pF, 50V, K
C131	22371103	Mylar, 0.01mfd, 50V, J
C132	22371472	Mylar, 0.0047mfd, 50V, J
C133	22440183	Electrolytic, 0.1mfd, 50V, M
C134	22445100	Electrolytic, 10mfd, 16V
C135	22448478	Electrolytic, 0.47mfd, 50V
C136	22362221	Ceramic, 220pF, 50V, K
C137	22362331	Ceramic, 330pF, 50V, K
C138	22447479	Electrolytic, 4.7mfd, 35V
C139	22372333	Mylar, 0.033mfd, 50V, K
C140	22343103	Ceramic, 0.01mfd, 50V, M
C141	22343103	Ceramic, 0.01mfd, 50V, M
C142	22445100	Electrolytic, 10mfd, 16V

Symbol No.	Part No.	Description
C143	22361180	Ceramic, 18pF, 50V, J
C144	22343103	Ceramic, 0.01mfd, 50V, M
C201	22485471	Electrolytic, 470mfd, 16V, M
C202	22448109	Electrolytic, 1mfd, 50V
C203	22448109	Electrolytic, 1mfd, 50V
C204	22371103	Mylar, 0.01mfd, 50V, J
C205	22372333	Mylar, 0.033mfd, 50V, K
C206	22447479	Electrolytic, 4.7mfd, 35V
C207	22371472	Mylar, 0.0047mfd, 50V, J
C208	22371153	Mylar, 0.015mfd, 50V, K
C209	22371153	Mylar, 0.015mfd, 50V, K
C210	22488109	Electrolytic, 1mfd, 50V, NP
C211	22371332	Mylar, 0.0033mfd, 50V, K
C212	22478109	Electrolytic, 1mfd, 50V, NP
C213	22371332	Mylar, 0.0033mfd, 50V, K
C214	22321053	Polypropylene, 470pF, 50V, J
C215	22321053	Polypropylene, 470pF, 50V, J
C216	22371332	Mylar, 0.0033mfd, 50V, K
C217	22371332	Mylar, 0.0033mfd, 50V, K
C218	22448109	Electrolytic, 1mfd, 50V
C219	22448109	Electrolytic, 1mfd, 50V
C220	22483101	Electrolytic, 100mfd, 10V, M
C221	22321053	Polypropylene, 470pF, 50V, J
C222	22448019	Electrolytic, 1mfd, 50V
⚠ C901	22342223	Ceramic, 0.022mfd, 50V, Z
⚠ C902	22342223	Ceramic, 0.022mfd, 50V, Z
⚠ C903	22487471	Electrolytic, 470mfd, 35V, M
C904	22486221	Electrolytic, 220mfd, 25V, M
C905	22486471	Electrolytic, 470mfd, 25V, M
VC001	22308427	Variable Capacitor, PVC-5-335

RESISTORS

All resistors are carbon film ¼W, 5%, unless otherwise noted. K = 1000, M = 1000000

R001	22555331	330 ohm
R002	22555101	100 ohm
R003	22555333	33K ohm
R004	22555472	4.7K ohm
R005	22555102	1K ohm
R006	22555101	100 ohm
R007	22555102	1K ohm
R008	22555104	100K ohm
R009	22555103	10K ohm
R010	22555393	39K ohm
R011	22555222	2.2K ohm
R012	22555222	2.2K ohm
R013	22555104	100K ohm
R014	22555223	22K ohm
R101	22555823	82K ohm
R102	22555103	10K ohm
R103	22555102	1K ohm

Symbol No.	Part No.	Description
R105	22555124	120K ohm
R106	22555222	2.2K ohm
R107	22555103	10K ohm
R108	22555331	330 ohm
R109	22555183	18K ohm
R110	22555102	1K ohm
R111	22555152	1.5K ohm
R112	22555222	2.2K ohm
R113	22555331	330 ohm
R114	22555331	330 ohm
⚠ R115	22500150	68 ohm, Fusible
R116	22555154	150K ohm
R117	22555333	33K ohm
R118	22555333	33K ohm
R119	22555683	68K ohm
R120	22555153	15K ohm
R121	22555332	3.3K ohm
R122	22555473	47K ohm
R123	22555473	47K ohm
R124	22555103	10K ohm
R125	22555473	47K ohm
R126	22555103	10K ohm
R127	22555102	1K ohm
R128	22555562	5.6K ohm
R129	22555103	10K ohm
R130	22555823	82K ohm
R131	22555683	68K ohm
R132	22570271	560 ohm, 1W, Metal Oxided Film
R133	22555182	1.8K ohm
R134	22555182	1.8K ohm
R135	22555182	1.8K ohm
R136	22555182	1.8K ohm
R137	22555182	1.8K ohm
R138	22555101	100 ohm
R139	22555103	10K ohm
R140	22555823	82K ohm
R141	22555182	1.8K ohm
R142	22555683	68K ohm
R143	22555222	2.2K ohm
R144	22555184	180K ohm
R145	22555103	10K ohm
R146	22555103	10K ohm
R147	22555223	22K ohm
R148	22555823	82K ohm
R149	22555222	2.2K ohm
R150	22555472	4.7K ohm
R151	22555334	330K ohm
R152	22555105	1M ohm
R153	22555101	100 ohm
R154	22555561	560 ohm
R155	22658155	100K ohm, B, Semi-fixed Variable

Symbol No.	Part No.	Description
R156	22555153	15K ohm
R157	22555152	1.5K ohm
R201	22658516	1M ohm, B, Semi-fixed Variable
R203	22555104	100K ohm
R204	22555473	47K ohm
R205	22555123	12K ohm
R206	22555562	5.6K ohm
R207	22555222	2.2K ohm
R208	22555332	3.3K ohm
R209	22555332	3.3K ohm
R210	22555821	820 ohm
R211	22555821	820 ohm
R212	22555103	10K ohm
R213	22555104	100K ohm
R214	22555103	10K ohm
R215	22555103	10K ohm
R216	22555103	10K ohm
R217	22555104	100K ohm
R218	22555472	4.7K ohm
R219	22555472	4.7K ohm
R220	22555332	3.3K ohm
R221	22555332	3.3K ohm
R222	22658483	20K ohm, B, Semi-fixed Variable
R223	22555473	47K ohm
R224	22555473	47K ohm
R226	22570275	1.2K ohm, 1W, Metal Oxided Film
R227	22555822	8.2K ohm
R228	22555122	1.2K ohm
R229	22555154	150K ohm
R230	22555472	4.7K ohm
R231	22555472	4.7K ohm
R232	22555104	100K ohm
R233	22555153	15K ohm
R234	22658492	10K ohm, B, Semi-fixed Variable
R235	22570262	100 ohm, 1W, Metal Oxided Film
R236	22555229	2.2 ohm
⚠ R901	22570277	1.8K ohm, 1W, Metal Oxided Film
R902	22555680	68 ohm

ACCESSORIES

	22124693	Feeder Ass'y, Antenna
	22170401	Cord, Connection
	22902402	Owner's Manual